

Amendments to the Specification:

Please amend the specification as follows:

Please replace paragraph starting at page 1, line 9, with the following rewritten paragraph:

The invention relates to an air-conditioning system, in particular for a motor vehicle, ~~according to the preamble of claim 1~~ and to a method for regulating the heating capacity thereof.

Please insert the following at page 1, line 13:

BACKGROUND

Please insert the following at page 1, line 25:

SUMMARY

Please delete the paragraph beginning at page 1, line 29.

Please insert the following at page 3, line 4:

BRIEF DESCRIPTION OF THE DRAWING

Please insert the following at page 3, line 10:

DETAILED DESCRIPTION

Please replace paragraph starting at page 3, line 29, with the following rewritten paragraph:

In this case, the pressure in the heat-pump circuit 1 is regulated as a function of a pilot control characteristic curve of the desired high-pressure value, taking into account the current pressure downstream of the compressor 2, measured by a pressure sensor 7[[, not illustrated,]] with the aid of a high-pressure regulator which regulates the stroke of the compressor 2 via a compressor valve (PWM compressor valve) regulated by means of a pulse-width modulated signal. Furthermore, a corresponding pulse-width modulated regulation of the expansion valve 5 (PWM expansion valve) takes place via a high-pressure regulator of the expansion valve 5.

Please replace paragraph starting at page 4, line 4, with the following rewritten paragraph:

Furthermore, both in the regulation of the stroke of the compressor 2 and in the regulation of the expansion valve 5, the temperature of the heater 3 is taken into account by means of a heater temperature regulator, taking into account a correcting characteristic curve of the heater regulator, as a function of the temperature of the air downstream of the heater 3 determined by means of a temperature sensor 8[[, not illustrated]]. The regulation of the temperature or capacity of the heater 3 thus takes place by means of the compressor 2 and the expansion valve 5.